

DESCRIPTIONS OF NEW SPECIES OF JAPANESE, FORMOSAN  
AND PHILIPPINE PYRALIDAE.

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THE following paper forms the conclusion of a series of descriptions of new species represented in the collection of the late Mr. A. E. Wileman, which is now the property of the British Museum (Natural History), wherein the types of all species described below are contained.<sup>1</sup>

The names of colours mentioned below, are taken from Ridgway, *Color Standard and Color Nomenclature*, 1912.

GALLERIINAE.

*Corecya brunnea* sp.n.

♀: *Palpus* fuscous. *Antenna* minutely ciliate. *Head*: frons and vertex fuscous. *Thorax*: patagium and tegula fuscous. *Abdomen* cartridge-buff tinged with fuscous above and beneath. *Pectus* light buff. *Legs*: fore- and midlegs fuscous, hindleg light buff, tarsus fuscous. *Forewing* long, narrow, fuscous, a longitudinal fuscous-black streak below median nervure from base to lower angle of cell. *Hindwing* cartridge-buff. *Underside*: forewing glossy, cartridge-buff lightly suffused with fuscous; hindwing glossy, cartridge-buff tinged with fuscous on upper half.

*Expanse* 34 mm. (*tip to tip* 32 mm.).

*Holotype* ♀: 9.iv.1908, Formosa, Kanshirei, 1,000 ft.

Nearest ally: *C. cephalonica* Stt.

*Pempelia baea* sp.n.

♀: *Palpus* avellaneous. *Antenna* apparently simple. *Head*: frons and vertex avellaneous. *Thorax*: patagium and tegula avellaneous. *Abdomen* wood-brown, venter avellaneous. *Pectus* and *legs* avellaneous. *Forewing* wood-brown sparsely irrorated with fuscous-black; postmedial fascia consisting of a dentate, fuscous line, outwardly oblique from costa to vein 5, then inwardly oblique to inner margin. *Hindwing* light buff suffused with wood-brown. *Underside* glossy, similar to upperside.

*Expanse* 34 mm. (*tip to tip* 32 mm.).

*Holotype* ♀: 20.iv.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *P. ruficostella* Rag.

<sup>1</sup> For previous papers dealing with the Wileman collection, see NOVITATES ZOOLOGICAE, xxxv, pp. 105-113 and 254-264.

## SCHOENOBIIINAE.

*Ramilla thectopetina* sp.n.

♀: *Palpus* white mixed with fuscous. *Antenna* ciliate. *Head*: frons and vertex white. *Thorax*: patagium and tegula white. *Abdomen* white above and beneath. *Pectus* white. *Legs* white, a suffusion of fuscous on tibia and tarsus of foreleg. *Forewing* white, apex acute, termen oblique, fuscous on costa; post-medial and subterminal fasciæ consisting of two, fine, faintly marked, fuscous lines inwardly oblique and parallel; fringe fuscous. *Hindwing* concolorous with forewing, fasciæ forming continuations of those on forewing. *Underside* similar to upperside.

*Expanse* 44 mm. (*tip to tip* 42 mm.).

*Holotype* ♀: 14.iv.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *R. marginella* Moore.

## PHYCITINAE.

*Ambesa cartera* sp.n.

♂: *Palpus* pinkish buff mixed with fuscous. *Antenna* ciliate. *Head*: frons fuscous, vertex dark vinaceous-brown. *Thorax*: patagium dark vinaceous-brown, tegula and rest of thorax pinkish buff. *Abdomen* pinkish buff lightly suffused with fuscous, venter and anal tuft pinkish buff. *Pectus* pinkish buff. *Legs* pinkish buff, some fuscous on tibiae and tarsi. *Forewing* pinkish buff lightly suffused with fuscous on distal half; medial fascia consisting of a fine, faint, fuscous, outwardly bowed, wavy line; a fuscous bar on discocellulars; subterminal fascia consisting of two fuscous, outwardly bowed lines, more widely separated on costa than at inner margin, crossed by an oblique dark vinaceous-brown shade, from costa just before apex to inner margin, at about two-thirds, in which is a fuscous spot on vein 2. *Hindwing* glossy, semi-transparent, opalescent, suffused with fuscous. *Underside*: forewing pinkish buff suffused with fuscous, a dark vinaceous-brown fold on proximal half of costa; hindwing similar to upperside.

*Expanse* 24 mm. (*tip to tip* 23 mm.).

*Holotype* ♂: 22.vi.1912, Philippine Is., Mindanao I., subprov. Lanao, Kolambugan (plains).

*Phycita southi* sp.n.

♀: *Palpus* drab-grey, lightly suffused with fuscous. *Antenna* minutely ciliate. *Head*: frons and vertex drab-grey. *Thorax*: patagium and tegula drab-grey tinged with drab. *Abdomen* drab-grey suffused with drab, venter cartridge-buff. *Pectus* cartridge-buff. *Legs* drab-grey, suffused with fuscous on femora and tibiae. *Forewing* drab-grey suffused with drab, a light suffusion of fuscous along costa; antemedial fascia pale drab-grey terminating in a fuscous patch on inner margin, outwardly oblique, waved, defined distally by a fine fuscous line; subterminal fascia pale drab-grey, ill-defined, excurved. *Hindwing* translucent, glossy, cartridge-buff, a light suffusion of drab on costa and termen. *Underside*: fore- and hindwings, glossy, cartridge-buff.

*Expanse* 16 mm. (*tip to tip* 15 mm.).

*Holotype* ♀ : 1.viii.1904 ; *paratype* ♀ : 27.viii.1904, Formosa, Takow.

The original material forming the basis of the description of *Phycita formosella* Wlmn. and South (*Entom.* li, p. 219, 1918) consists of four specimens. The "Type ♂" is unfortunately a female of *Ephestia cautella* Walk. In 1928 Shibuya drew attention to the fact that the specimen belonged to *Ephestia cautella*, but apparently he did not examine the specimen as regards sex. He has also unfortunately made a mistake in his treatment of the species, and has suggested that "the specific name should be adopted for the female type specimen only." While this might be extremely convenient, the fact that the type of *Cryptoblates formosella* is a female of *Ephestia cautella* involves sinking the name *formosella*, and the rest of the material represents a new and unnamed species. A new name might be proposed and the original description of the female adopted, were it not that the description is, besides being inadequate, definitely misleading.

#### *Ceroprepes jansei* sp.n.

♂ : *Palpus* pinkish buff. *Antenna* unipectinate. *Head* : frons and vertex avellaneous. *Thorax* : patagium and tegula avellaneous. *Abdomen* drab, venter pinkish buff. *Pectus* light buff. *Legs* light buff, tarsi fuscous, a suffusion of fuscous on foreleg. *Forewing* proximal third avellaneous, distal two-thirds light buff suffused with fuscous above vein 2, below irrorated with fuscous ; antemedial fascia represented by two fuscous-black lines, the proximal one straight from median nervure to inner margin, the other from costa above proximal one, longitudinal for a short distance, excurved, then wavy to inner margin ; a faint fuscous bar on discocellulars ; subterminal fascia fuscous, defined distally by light buff, inwardly oblique from costa to vein 6, angled, then outwardly oblique to vein 4, angled, then inwardly oblique to inner margin. *Hindwing* glossy, light buff tinged with fuscous. *Underside* : fore- and hindwings glossy, light buff suffused with fuscous.

*Expanse* 28 mm. (*tip to tip* 27 mm.).

*Holotype* ♂ : 28.vii.1902, Japan, Hokkaido, prov. Oshima, Junsai Numa (plains) ; *paratype* ♂ : 23.iv.1893, Honshu, prov. Musashi, Tokyo (plains).

Nearest ally : *C. patriciella* Zell.

### EPIPASHIINAE.

#### *Macalla shibuyai* sp.n.

♂ : *Palpus* light buff suffused with army-brown. *Antenna* pectinate, a long curved process from first segment, army-brown at base. *Head* : frons and vertex light buff suffused with army-brown. *Thorax* : patagium light buff, army-brown laterally, tegula light buff mixed with army-brown and fuscous-black. *Abdomen* light buff above and beneath, lateral streak of fuscous-black and army-brown, anal tuft pinkish buff. *Pectus* light buff. *Legs* light buff, fuscous-black at joints, tarsi suffused with fuscous-black. *Forewing* proximal third army-brown suffused with fuscous-black, distal edge excurved, medial third white, distal third army-brown, a tuft of hair-scales in cell, another below, and two in apical area ; antemedial fascia consisting of a broken, excurved, fuscous line ; a fuscous spot on discocellulars ; postmedial fascia fuscous, wavy.

*Hindwing* white suffused with army-brown, distal third army-brown; post-medial fascia consisting of a crenulate (points basad), fuscous line. *Underside*: fore- and hind wings eartrudge-buff suffused with army-brown.

*Expanse* 26 mm. (*tip to tip* 25 mm.).

*Holotype* ♂: 28.v.1913, Philippine Is., Luzon I., subprov. Benguet, Palali, 2,000 ft.

Nearest ally: *M. rubripalpis* Hmps.

#### **Coenodomus hampsoni** sp.n.

♂: *Palpus* pinkish buff. *Antenna* pectinate, a long curved process from first segment, light buff tinged with light brownish olive. *Head*: frons and vertex light buff tinged with light brownish olive. *Thorax*: patagium and tegula light buff tinged with light brownish olive. *Abdomen* light buff tinged with light brownish olive above and beneath, with fuscous suffusion at base dorsally. *Pectus* light buff. *Legs* light buff, foreleg suffused with fuscous, tarsi fuscous, light buff at joints. *Forewing* light buff tinged with light brownish olive, suffused with fuscous-black on costa; postmedial fascia consisting of a faintly marked, wavy, light buff line, outwardly bowed to vein 2, then incurved to inner margin; six tufts of hair-scales, army-brown tipped with fuscous-black, one below proximal half of cell, one on discocellulars, four on postmedial, of which latter two are near costa, and two near inner margin. *Hindwing* concolorous with forewing, some army-brown hair-scales tipped with fuscous-black near tornus. *Underside*: fore- and hindwings light buff.

*Expanse* 30 mm. (*tip to tip* 26 mm.).

*Holotype* ♂: 28.vi.1913, Philippine Is., Luzon I., subprov. Benguet, Palali, 2,000 ft.

Nearest ally: *C. dudgeoni* Hmps.

#### **Stericta caradjai** sp.n.

♂: *Palpus* olive-yellow. *Antenna* ciliate, a long curved process from first segment, olive-yellow, clove-brown at distal end. *Head*: frons olive-yellow, vertex clothed with upstanding hairs-scales of olive-yellow tipped with clove-brown. *Thorax*: patagium olive-yellow mixed with vandyke-red, tegula olive-yellow, rest of thorax olive-yellow mixed with clove-brown. *Abdomen* olive-yellow above and beneath, irrorated with clove-brown and vandyke red. *Legs* olive-yellow suffused with vandyke-red and clove-brown, tarsi clove-brown, olive-yellow at joints. *Forewing* olive-yellow; a flattened glandular swelling on costa above discocellulars; antemedial fascia clove-brown, slightly excurved, distal edge sharply defined, proximal edge diffused; postmedial fascia clove-brown, proximal edge sharply defined, straight from costa to vein 7, then inwardly bowed to inner margin, distal edge diffused and spreading into subterminal area; subterminal fascia consisting of a faint, fine, olive-yellow line from costa at same point as postmedial, outwardly bowed from vein 7 to inner margin, interneural clove-brown spots on termen; fringe light buff lightly tinged with vandyke-red. *Hindwing* light buff lightly suffused with clove-brown on apex and termen; fringe on inner margin tinged with vandyke-red. *Underside*: forewing light buff suffused with clove-brown, olive-yellow on costa with slight irroration of vandyke-red near base; hindwing light buff suffused with clove-brown at apex, irrorated with vandyke-red on costa.

*Expanse* 22 mm. (*tip to tip* 21 mm.).

*Holotype* ♂: 15.v.1914, Philippine Is., Mindanao I., subprov. Lanao, Kolambugan (plains).

Nearest ally: *S. leucogonalis* Hmps.

#### *Stericta schausi* sp.n.

♂: *Palpus* warm buff. *Antenna* apparently simple, from first segment an upcurved, plumed process, warm buff, fuscous-black at tip. *Head*: frons and vertex warm buff. *Thorax*: patagium and tegula buffy olive. *Abdomen* cartridge-buff tinged with buffy olive above and beneath, transverse fuscous-black bands dorsally. *Pectus* cartridge-buff. *Legs*: fore- and midlegs warm buff, tarsi fuscous, hindleg light buff. *Forewing* buffy olive, fuscous-black streak below costa; four tufts of hair-scales, one below proximal half of cell, fuscous-black mixed cartridge-buff, one in distal end of cell, fuscous-black mixed with cartridge-buff, two in apical area, coloured vandyke-red, fuscous-black and cartridge-buff; antemedial fascia cartridge-buff excurved to median nervure, angled, then slightly excurved to inner margin; postmedial fascia cartridge-buff outwardly bowed from costa to vein 2, sharply angled, then excurved to inner margin. *Hindwing* cartridge-buff on basal half, buffy olive on distal half, a tuft of hair-scales at lower angle of cell, fuscous-black mixed with cartridge-buff, two similar tufts in apical area; postmedial fascia cartridge-buff outwardly bowed to vein 2, straight to inner margin. *Underside*: forewing cartridge-buff suffused with fuscous in apical area, postmedial fascia fuscous; hindwing cartridge-buff.

*Expanse* 24 mm. (*tip to tip* 22 mm.).

♀: Similar to ♂, but without the modification of first segment of antenna.

*Expanse* 25 mm. (*tip to tip* 23 mm.).

*Holotype* ♂: 6.iv.1912; *allotype* ♀: 3.v.1912; *paratype* ♂: 18.iii.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *S. trissosticha* Turner.

#### *Stericta plinthochroa* sp.n.

♂: *Palpus* pinkish buff mixed with liver-brown. *Antenna* minutely ciliate, a long, curved, thickly scaled process from first segment, pinkish buff mixed with liver-brown. *Head*: frons and vertex pinkish buff mixed with liver-brown. *Thorax*: patagium and tegula pinkish buff mixed with liver-brown. *Abdomen* Hay's russet, venter pinkish buff, anal tuft pinkish buff suffused with Hay's russet. *Pectus* and *legs* pinkish buff. *Forewing* ochraceous-buff irrorated with blackish brown on upper half as far as postmedial, subterminal area liver-brown with interneural white streaks defined with blackish brown, a blackish brown basal patch below median nervure; antemedial fascia obliquely excurved, vinaceous fawn, edged with Hay's russet, a fine blackish-brown line in centre; postmedial fascia vinaceous-fawn, edged with Hay's russet, a fine blackish-brown line in centre; a longitudinal bar of vinaceous-fawn edged with Hay's russet connecting antemedial and postmedial fasciae in the distal end of cell, in which is a streak of blackish-brown and white hair-scales; subterminal fascia consisting of a prominent pinkish buff line defined proximally by Hay's russet; two streaks of blackish-brown and white hair-scales in apical area. *Hindwing* concolorous

with forewing, fasciae forming continuations of those on forewing. *Underside* : fore- and hindwings pinkish buff suffused with fuscous in subterminal area, post-medial fascia fuscous.

*Expanse* 24 mm. (*tip to tip* 22 mm.).

*Holotype* ♂ : 28.xii.1912 ; *paratypes* 2 ♂♂ : 27, 28.vi.1913, Philippine Is., Luzon I., subprov. Benguet, Palali, 2,000 ft. ; *paratype* ♂ : 22.vi.1914, Mindanao I., subprov. Lanao, Kolambugan (plains).

Nearest ally : *S. carniola* Hmpsn.

#### *Orthaga meyricki* sp.n.

♂ : *Palpus* olive-brown, white at base and tip. *Antenna* fasciculate. *Head* : frons white mixed with light brownish olive, vertex light brownish olive, white at base of antenna. *Thorax* : patagium light brownish olive, white on inner edge, tegula light brownish olive, white posteriorly, rest of thorax white. *Abdomen* white with transverse olive-brown marks laterally, anal tuft light brownish olive, venter white suffused with olive-brown. *Pectus* white. *Legs* : coxae, femora and tibiae olive-brown to light brownish olive, white at joints, tarsi olive-brown, white at joints. *Forewing* proximal third light brownish olive, with an oblique white streak from base of costa to near inner margin ; medial third white, sparsely irrorated with olive-brown, a flattened glandular swelling on costa above discocellulars, and longitudinal fold in distal end of cell ; distal third olive-brown, with a white point on costa well before apex. *Hindwing* white suffused with olive-brown. *Underside* : fore- and hindwings white suffused with olive-brown.

*Expanse* 22 mm. (*tip to tip* 21 mm.).

*Holotype* ♂ : 1.viii.1913, Philippine Is., Luzon I., subprov. Benguet, Palali, 2,000 ft.

Nearest ally : *O. cnerata* Butl.

#### *Orthaga durranti* sp.n.

♂ : *Palpus* old gold to dull citrine, blackish brown at joints. *Antenna* fasciculate. *Head* : frons old gold, vertex old gold, vinaceous-brown posteriorly. *Thorax* : patagium old gold, tegula old gold mixed with fuscous. *Abdomen* light buff above and beneath, a dorsal suffusion of blackish brown. *Pectus* light buff. *Legs* light buff suffused with vinaceous-brown, tarsi blackish brown, light buff at joints. *Forewing* old gold to dull citrine suffused with blackish brown on antemedial and subterminal areas ; antemedial fascia old gold slightly incurved from costa to anal vein, straight to inner margin ; postmedial fascia blackish brown, erenulate (points distad), straight from costa to vein 6, excurved to vein 2, inwardly oblique to inner margin ; termen blackish brown, dull citrine points at ends of veins ; fringe old gold with blackish brown streaks. *Hindwing* light buff, postmedial fascia fuscous, termen fuscous, fuscous streaks on veins connecting postmedial to termen. *Underside* : fore- wing light buff suffused with fuscous, a patch of dull citrine below costa near apex, postmedial fascia fuscous ; hind-wing light buff lightly suffused with fuscous, irrorated with fuscous below costa, postmedial fascia fuscous.

*Expanse* 38 mm. (*tip to tip* 36 mm.).

*Holotype* ♂ : 26.xi.1912 ; *paratype* ♂ : 11.xi.1912, Philippine Is., Luzon I., subprov. Benguet, Pauai, Haight's Place, 7,000 ft.

Nearest ally : *O. mölleri* Hmpsn.

The old gold colour on these specimens may have been green originally, a change which frequently takes place in green moths.

### ENDOTRICHINAE.

#### *Endotricha wilemani* sp.n.

♀: *Palpus* pinkish buff. *Antenna* minutely ciliate. *Head*: frons and vertex pinkish buff. *Thorax*: patagium and tegula pinkish buff. *Abdomen* pinkish buff above and beneath. *Pectus* pinkish buff. *Legs* pinkish buff tinged with brownish vinaceous. *Forewing* pinkish buff lightly suffused with brownish vinaceous on subterminal area; fringe cartridge-buff suffused with brownish vinaceous. *Hindwing* pinkish buff lightly suffused with brownish vinaceous. *Underside*: forewing pinkish buff suffused with brownish vinaceous on lower half; hindwing cartridge-buff suffused with brownish vinaceous.

*Expanse* 15 mm. (*tip to tip* 14 mm.).

*Holotype* ♀: 29.iv.1913, Philippine Is., Palawan I., Taytay (plains).

Nearest ally: *E. stibialis* Rag.

#### *Orthoraphis paula* sp.n.

♀: *Palpus* cartridge-buff, suffused with bone-brown outwardly. *Head*: frons and vertex cartridge-buff. *Thorax*: patagium and tegula cartridge-buff. *Abdomen* cartridge-buff above and beneath, some bone-brown dorsally, bone-brown spots laterally. *Pectus* cartridge-buff. *Legs* cartridge-buff, bone-brown on tibia and tarsus of foreleg. *Forewing* cartridge-buff overlaid with clay colour, bone-brown on basal third of costa, bone-brown on costa before apex, a bone-brown spot on median nervure subbasally; antemedial fascia consisting of a bone-brown dentate line; bone-brown spot on discocellulars; subterminal fascia consisting of an inwardly oblique, wavy, cartridge-buff line, defined by bone-brown with a deep suffusion of clay-colour proximally and a light suffusion distally; termen excised below apex. *Hindwing* cartridge-buff, a bone-brown spot on discocellulars; postmedial fascia consisting of a bone-brown line from costa for a short distance then becoming obsolete. *Underside*: forewing cartridge-buff densely irrorated with fuscous, clay-colour on costa and termen; spot on discocellulars, and postmedial fascia fuscous; hindwing cartridge-buff irrorated with fuscous on upper half, spot on discocellulars and postmedial fascia fuscous.

*Expanse* 24 mm. (*tip to tip* 22 mm.).

*Holotype* ♀: 27.vi.1913, Philippine Is., Luzon I., subprov. Benguet, Pauai, Haight's Place, 7,000 ft.

Nearest ally: *O. metasticta* Hmps.

### PYRALINAE.

#### *Pryalis callista* sp.n.

♂: *Palpus* light buff suffused with sorghum brown. *Antenna* fasciculate. *Head*: frons and vertex light buff suffused with sorghum-brown. *Thorax*: patagium and tegula sorghum-brown. *Abdomen* light buff suffused with sorghum-brown, venter light buff. *Pectus* and *legs* light buff. *Forewing* subbasal area sorghum-brown antemedial fascia consisting of a cartridge-buff, wavy line; area

between antemedial and postmedial fasciae light vinaceous-fawn, a fuscous-black spot on discocellulars ; postmedial fascia consisting of a cartridge-buff line defined by sorghum-brown, outwardly oblique from costa to vein 7, angled, then straight to inner margin ; subterminal area light vinaceous-fawn suffused with sorghum brown. *Hindwing* light buff, subbasal area suffused with fuscous above anal vein, and sorghum-brown below ; antemedial fascia consisting of a deeply dentate, cartridge-buff line ; two wide streaks of light vinaceous-fawn from antemedial to postmedial fasciae, one between veins 2 and 3, the other below anal vein ; postmedial fascia consisting of an outwardly bowed, fuscous line, defined by light buff ; subterminal area light vinaceous-fawn suffused with fuscous. *Underside* : forewing light buff suffused with fuscous increasing in density toward termen ; hindwing light buff suffused with fuscous on apical area.

*Expanse* 12 mm. (*tip to tip* 11 mm.).

*Holotype* ♂ ; *paratype* ♂ : 22.vi.1914, Philippine Is., Mindanao I., subprov. Lanao, Kolambugan (plains) ; *paratype* ♂ : 9.iv.1913, Palawan I., Taytay (plains).

Nearest ally : *P. ravoalis* Wlk.

#### ***Diloxia euteles* sp.n.**

♂ : *Palpus* drab. *Antenna* fasciculate. *Head* : frons and vertex drab. *Thorax* : patagium and tegula drab. *Abdomen* drab above and beneath. *Pectus* light buff. *Legs* light buff suffused with fuscous. *Forewing* drab, costa fuscous, broken by light buff points, a fuscous spot on discocellulars ; postmedial fascia consisting of a light buff line defined by fuscous proximally, bowed outwardly from costa to vein 2, then excurved to inner margin ; a tinge of vinaceous brown on termen ; fringe cartridge-buff, fuscous at base. *Hindwing* concolorous with forewing, antemedial fascia wavy, outwardly oblique ; postmedial fascia bowed outwardly from costa to vein 2, then excurved to inner margin. *Underside* : forewing drab suffused with vinaceous-brown, irrorated with fuscous ; postmedial fascia light buff defined by fuscous proximally ; hindwing light buff suffused with vinaceous brown on distal half, irrorated with fuscous : postmedial fascia light buff defined by fuscous proximally.

*Expanse* 18 mm. (*tip to tip* 17 mm.).

*Holotype* ♂ : 1.v.1913, Philippine Is., Palawan I., Taytay (plains).

Nearest ally : *D. fimbriata* Hmpsn.

#### **HYDROCAMPINAE.**

##### ***Ambia pedionoma* sp.n.**

♀ : *Palpus* white, chamois at base and on third segment. *Antenna* minutely ciliate. *Head* : frons white, vertex white edged with chamois. *Thorax* : patagium white, chamois on inner edge, tegula white, streaked with chamois. *Abdomen* white above and beneath, banded with chamois dorsally. *Pectus* white. *Legs* white, patches of chamois on foreleg. *Forewing* white, all fasciae chamois bands edged with fuscous ; subbasal and antemedial fasciae wavy ; postmedial fascia slightly incurved from costa to vein 2 with a point on proximal edge at vein 7, acutely angled at vein 2, then arched and inwardly oblique to inner margin at one third, from top of arched portion a band rising to subcosta,



bent and arched toward base, terminating on median nervure; subterminal fascia slightly waved to vein 2 where it is constricted, then inwardly oblique to inner margin at one half; terminal band chamois edged with fuscous-black. *Hindwing* concolorous with forewing, postmedial fascia forming on forewing continuations of postmedial and subterminal fasciae which join on median nervure and continue as a single band to inner margin; subterminal fascia waved; terminal band as on forewing. *Underside*: fore- and hindwings glossy, white, markings of upperside faintly showing through.

*Expanse* 15 mm. (*tip to tip* 13 mm.).

*Holotype* ♀: 29.iv.1913, Philippine Is., Palawan I., Taytay (plains); *paratype* ♀: 16.i.1914, Luzon I., prov. Rizal, Montalban (plains).

Nearest ally: *A. portialis* Wlk.

#### **Aulacodes simplex** sp.n.

♀: *Palpus* light buff. *Antenna* apparently simple. *Head*: frons and vertex light buff. *Thorax*: patagium and tegula buff-yellow. *Abdomen* light buff suffused with buff-yellow, venter light buff. *Pectus* light buff. *Legs*: foreleg buff-yellow, fuscous at lower end of tibia, midleg buff-yellow, hindleg light buff. *Forewing* white suffused for the greater part with buff-yellow, a prominent fuscous spot on discocellulars; buff-yellow on costa and along inner margin; subterminal fascia consisting of a buff-yellow band parallel with termen; a buff-yellow band edged with fuscous-black on termen, fringe light buff. *Hindwing* white, a wide oblique band of buff-yellow from apex to middle of inner margin; a buff-yellow band on termen in which is a broken, fuscous-black patch containing two white spots, between veins 3 and 5, below this, the band is edged with fuscous-black to anal vein. *Underside*: fore and hindwings, glossy, cartridge-buff, markings showing through from upperside.

*Expanse* 24 mm. (*tip to tip* 23 mm.).

*Holotype* ♀ and *paratype* ♀: 29.vi.1913, Philippine Is., Luzon I., subprov. Benguet, Palali, 2,000 ft.

Nearest ally: *A. saturalis* Snell.

#### **Aulacodes splendens** sp.n.

♂: *Palpus* ochraceous-buff, Saccardo's umber at tip. *Antenna* fasciculate. *Head*: frons and vertex ochraceous-buff. *Thorax*: patagium ochraceous-buff, tegula ochraceous-buff, a fuscous-black spot anteriorly, Saccardo's umber posteriorly, rest of thorax ochraceous-buff, a fuscous-black spot between tegulae and a patch posteriorly. *Abdomen* cream colour, venter white. *Pectus* ochraceous buff. *Legs*: foreleg coxa and femur ochraceous buff, tibia Saccardo's umber, tarsus white; mid- and hindlegs coxae and femora ochraceous buff, tibiae cream-colour, tarsi white. *Forewing* white, an arched streak of cream-colour from base to near tornus, Saccardo's umber along costa; from this antemedially, a wide, wavy band extending to inner margin, postmedially an outwardly oblique band, subterminally a slightly excurved, inwardly oblique band joining the postmedial at vein 2, forming a triangular mark; a border of cream-colour edged with fuscous-black on termen. *Hindwing* white, a patch of Saccardo's umber at base, a lunule of Saccardo's umber from lower angle of cell across vein 2, followed by an oblique, wavy streak of cream-colour from apex to

inner margin, a border of cream-colour on termen edged with fuscous-black at apex, interrupted by four, interneural, fuscous-black spots below vein 5, bordered distally by metallic scales, a metallic lunule in each spot. *Underside*: forewing white, cream-buff on costa; hindwing white, three fuscous-black spots on termen between veins 2 and 5.

*Expanse* 38 mm. (*tip to tip* 37 mm.).

♀: Similar to ♂, antenna simple.

*Expanse* 46 mm. (*tip to tip* 45 mm.).

*Holotype* ♂: 18.v.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.; *allotype* ♀: 1.vii.1913, subprov. Benguet, Palali, 2,000 ft.

Nearest ally: *A. mormodes* Meyr.

### **Tatobotys tanyscia** sp.n.

♂: *Palpus* light buff, sepia above. *Antenna* minutely ciliate. *Head*: frons sepia, vertex sepia, a warm buff spot anteriorly. *Thorax*: patagium warm buff, tegula warm buff, sepia posteriorly. *Abdomen* sepia, diffusely banded with warm buff on basal segments, venter light buff suffused with sepia. *Pectus* light buff. *Legs* light buff, a suffusion of sepia on foreleg above. *Forewing* sepia, warm buff points on costa, two warm buff patches lying obliquely on lower half of wing, one antemedially, the other just before postmedial, a warm buff spot between the two; postmedial fascia consisting of a fine, wavy, warm buff line from costa to vein 2. *Hindwing* sepia, a warm buff patch at base, medial fascia oblique, wavy, warm buff; postmedial fascia oblique, warm buff. *Underside* similar to upperside but with markings less definite.

*Expanse* 14 mm. (*tip to tip* 13 mm.).

♀: Similar to ♂, markings more definite.

*Expanse* 16 mm. (*tip to tip* 15 mm.).

*Holotype* ♂: 11.iv.1913; *allotype* ♀ and *paratype* ♀: 13.iv.1913, Philippine Is., Palawan I., Taytay (plains).

Nearest ally: *T. aurantialis* Hmps.

## **PYRAUSTINAE.**

### **Phostria jansei** sp.n.

♂: *Palpus* sepia. *Antenna* minutely ciliate. *Head*: frons sepia, vertex Saccardo's umber. *Thorax*: patagium Saccardo's umber, tegula sepia. *Abdomen* Saccardo's umber suffused with sepia, anal tuft sepia, venter pinkish buff. *Pectus* pinkish buff. *Legs*: foreleg sepia, tarsus pinkish buff, midleg sepia, tibia thickly clothed with hair-scales, tarsus pinkish buff suffused with sepia hindleg pinkish buff lightly suffused with sepia, fringe of hair-scales on lower half of tibia and first segment of tarsus. *Forewing* Saccardo's umber, antemedial fascia consisting of a sepia line, incurved from costa to just below median nervure, sharply angled, then incurved to inner margin; sepia spot on discocellulars; postmedial fascia consisting of a sepia line straight from costa to vein 5, excurved to vein 3, angled, then slightly arched, inwardly, to vein 2, wavy to inner margin. *Hindwing* concolorous with forewing, postmedial fascia obliquely excurved to vein 3, angled, then directed inwardly for a short distance, angled, slightly excurved to inner margin. *Underside* similar to upperside.

*Expanse* 36 mm. (*tip to tip* 34 mm.).

*Holotype* ♂: Philippine Is., Luzon I., Mount Makiling (Baker); *paratype* ♂: Luzon I., subprov. Benguet, Klondyke, 800 ft. (Wileman).

This species superficially resembles *P. notescens* Moore, but the tegulae are not elongated as in that species.

In addition to the example in the Wileman Collection there is also one in the British Museum Collection, and this being the finer specimen it has been selected as the type.

#### *Dichocrocis liparalis* sp.n.

♀: *Palpus* antimony-yellow. *Antenna* minutely ciliate. *Head*: frons and vertex antimony-yellow. *Thorax*: patagium and tegula antimony-yellow. *Abdomen* antimony-yellow suffused with ochraceous-orange, venter antimony-yellow. *Pectus* and *legs* antimony-yellow, blackish brown on joints of tibia of foreleg. *Forewing* ochraceous-orange, antimony-yellow on costa; three prominent, transverse, blackish brown dashes from costa, one at base reaching anal vein, one antemedially reaching median nervure, the other postmedially reaching vein 6; fringe antimony-yellow. *Hindwing* ochraceous-orange, fringe antimony-yellow, a short, oblique, blackish-brown streak near anal angle. *Underside*: fore- and hindwings antimony-yellow lightly suffused with ochraceous-orange, a prominent, blackish-brown dash from costa postmedially to vein 6, on both wings.

*Expanse* 26 mm. (*tip to tip* 25 mm.).

*Holotype* ♀: 23.iii.1912; *paratype* ♀: 20.iv.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *D. semperi* Sauber.

#### *Dichocrocis acoluthalis* sp.n.

♀: *Palpus* pale orange-yellow. *Antenna* minutely ciliate. *Head*: frons and vertex pale orange-yellow. *Thorax*: patagium and tegula deep chrome. *Abdomen* deep chrome, dorsal and lateral series of blackish-brown spots, anal tuft blackish brown, venter pale orange-yellow. *Pectus* pale orange-yellow. *Legs*: foreleg pale orange-yellow, a blackish-brown spot at lower ends of femur and tibia, midleg pale orange-yellow, a blackish-brown spot at lower end of femur, hindleg pale orange-yellow. *Forewing* deep chrome, pale orange-yellow on costa, a blackish-brown spot at base; subbasal fascia consisting of three blackish-brown spots; antemedial fascia blackish brown, slightly excurved, broken in middle; a blackish-brown spot in distal end of cell, a blackish-brown bar on discocellulars; postmedial fascia consisting of a blackish-brown dash from costa reaching to vein 6, and two spots near inner margin; subterminal fascia consisting of a series of blackish-brown spots, excurved from costa to vein 5, sharply angled, then excurved and inwardly oblique to inner margin, fringe cartridge-buff. *Hindwing* deep chrome, subterminal fascia consisting of a series of blackish-brown spots, excurved from costa to vein 5, sharply angled, then excurved and inwardly oblique to inner margin; fringe cartridge-buff. *Underside*: fore- and hindwings pale orange-yellow, markings similar to those of upperside.

*Expanse* 24 mm. (*tip to tip* 23 mm.).

*Holotype* ♀: 14.iii.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *D. punctiferalis* Guen.

**Sylepta lygropialis** sp.n.

♀: *Palpus* buffy brown, cartridge-buff beneath. *Antenna* minutely ciliate. *Head*: frons and vertex buffy brown. *Thorax*: patagium and tegula buffy brown. *Abdomen* buffy brown, venter cartridge-buff. *Pectus* and *legs* cartridge-buff. *Forewing* buffy brown, a fuscous spot in distal half of cell, another on discocellulars, between these spots an opalescent patch; postmedial fascia consisting of a series of opalescent patches and lunules defined proximally by fuscous, obliquely incurved to vein 5, oblique to vein 2, incurved to anal vein, oblique to inner margin. *Hindwing* buffy brown, a large wedge-shaped, opalescent patch medially, wide at costa and tapering to a point on inner margin, fuscous on proximal edge, distal edge crenulate (points basad), fuscous, bordered with lunules beyond. *Underside*: forewing white suffused with buffy brown over the greater part; hindwing white suffused with buffy brown on subterminal area, markings showing through from upperside on both wings.

*Expanse* 50 mm. (*tip to tip* 48 mm.).

*Holotype* ♀: 25.xii.1911, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *S. magna* Butl.

**Sylepta elegans** sp.n.

♂: *Palpus* cartridge-buff, suffused with fuscous at base. *Antenna* ciliate. *Head*: frons and vertex cartridge-buff. *Thorax*: patagium and tegula fuscous, edged with cartridge-buff. *Abdomen* fuscous, cartridge-buff patch on basal and anal segments, anal tuft light buff, venter cartridge-buff, a suffusion of fuscous distally. *Pectus* cartridge-buff. *Legs* cartridge-buff with patches of fuscous. *Forewing* glossy, translucent, light buff shaded with fuscous from base to antemedial, and from postmedial to termen; subbasal fascia fuscous, straight from costa to inner margin; antemedial fascia fuscous, outwardly oblique and slightly waved; a fuscous spot in middle of cell, a fuscous patch on discocellulars; postmedial fascia fuscous, inwardly oblique from costa to vein 5, angled, and again inwardly oblique to vein 2, angled, then rising inwardly to median nervure, sharply angled, then oblique to inner margin. *Hindwing* concolorous with forewing, antemedial and postmedial fasciae represented by two oblique lines from costa to vein 2. *Underside* similar to upperside.

*Expanse* 25 mm. (*tip to tip* 24 mm.).

*Holotype* ♂: 3.vii.1913, Philippine Is., Luzon I., subprov. Benguet, Palali, 2,000 ft.

Nearest ally: *S. proximalis* Wlk.

**Sylepta macallalis** sp.n.

♀: *Palpus* bistre. *Antenna* ciliate. *Head*: frons white, a patch of bistre on upper half, vertex cream-colour. *Thorax*: patagium and tegula cream-colour mixed with bistre. *Abdomen* cream-colour, suffused with bistre distally, anal tuft bistre, venter cream-colour suffused with bistre. *Pectus* cream-colour. *Legs* white with patches of bistre. *Forewing* white, veins snuff-brown, snuff-brown on costa, subbasal area snuff-brown on upper half, the distal edge reaching down to inner margin; antemedial fascia consisting of a deeply dentate, snuff-brown line; spot in cell and another on discocellulars snuff-brown; postmedial fascia

snuff-brown, commencing at costa as a line, inwardly oblique to base of vein 6, sharply angled, then outwardly oblique to vein 4, where it becomes a wide suffusion to inner margin; subterminal fascia consisting of a snuff-brown line inwardly oblique to vein 4, slightly excurved to vein 2, where it is merged into the suffusion of postmedial; subterminal area suffused with snuff-brown; fringe cartridge-buff. *Hindwing* cream-colour, postmedial fascia consisting of a faint snuff-brown line from costa to vein 3; subterminal area lightly suffused with snuff-brown. *Underside*: fore- and hindwings cartridge-buff, snuff-brown lunules on discocellulars, postmedial fascia snuff-brown, subterminal area suffused with snuff-brown.

*Expanse* 40 mm. (*tip to tip* 38 mm.).

*Holotype* ♀: 29.vi.1913, Philippine Is., Luzon I., subprov. Benguet, Pauai, Haight's Place, 7,000 ft.

Nearest ally: *S. pogonodes* Hmps. n.

#### **Noorda aeanalis** sp.n.

♂: *Palpus* light buff suffused with fuscous. *Antenna* ciliate. *Head*: frons and vertex light buff suffused with fuscous. *Thorax*: patagium and tegula light buff suffused with fuscous. *Abdomen* light buff suffused with fuscous, venter light buff. *Pectus* light buff. *Legs* light buff tinged with fuscous. *Forewing* light buff dusted over with fuscous; antemedial fascia consisting of a fuscous, slightly waved line; a fuscous bar on discocellulars; postmedial fascia consisting of a fuscous line, outwardly bowed from costa to vein 2, incurved to inner margin. *Hindwing* glossy, translucent, white, suffused with fuscous in subterminal area. *Underside*: fore- and hindwings, glossy, white, lightly suffused with fuscous.

*Expanse* 16 mm. (*tip to tip* 15 mm.).

*Holotype* ♂: 9.iv.1912, Philippine Is., Luzon I., subprov. Benguet, Klondyke, 800 ft.

Nearest ally: *N. ceramia* Turner.

#### **Pyrausta homoeides** sp.n.

♂: *Palpus* tawny. *Antenna* minutely ciliate. *Head*: frons tawny, vertex tawny, a light buff spot in middle. *Thorax*: patagium and tegula tawny. *Abdomen* light buff suffused with tawny above and beneath, anal tuft light buff. *Pectus* light buff. *Legs* light buff suffused with tawny, tibia of hindleg enlarged by a fold containing white hair. *Forewing* tawny, antemedial fascia consisting of an inwardly oblique, narrow, white band defined by fuscous distally; a fuscous bar on discocellulars; postmedial fascia consisting of a narrow, white band defined proximally by fuscous, inwardly oblique, outwardly bowed between veins 6 and 2. *Hindwing* light buff. *Underside*: fore- and hindwings glossy, light buff.

*Expanse* 26 mm. (*tip to tip* 24 mm.).

♀: Similar to ♂, but of a darker shade, and having a faint fuscous post-medial fascia on hindwing.

*Expanse* 30 mm. (*tip to tip* 28 mm.).

*Holotype* ♂ and *allotype* ♀: 25.iii.1912, Philippine Is., Luzon I., subprov. Benguet, Baguio, 5,000 ft.

Nearest ally: *P. leucula* Meyr.

***Pyrausta ericophora* sp.n.**

♂: *Palpus* russet, white at base. *Antenna* minutely ciliate. *Head*: frons and vertex russet. *Thorax*: patagium and tegula russet. *Abdomen* light buff suffused with russet, above and beneath. *Pectus* light buff suffused with russet. *Legs* russet, white at upper joint of tarsus of foreleg, tarsi of mid- and hindleg white. *Forewing* russet to tawny; an antemedial fascia consisting of a narrow white band, inwardly oblique and waved; fuscous bar on discocellulars surrounded by a white ring; postmedial fascia consisting of a narrow white band, inwardly oblique and outwardly bowed from costa to vein 2. *Hindwing* light buff suffused with russet. *Underside*: forewing light buff suffused with russet, markings showing through from upperside; hindwing light buff suffused with fuscous on distal half of wing, russet lunule on discocellulars, postmedial fascia russet.

*Expanse* 34 mm. (*tip to tip* 32 mm.).

♀: Similar to ♂.

*Expanse* 35 mm. (*tip to tip* 33 mm.).

*Holotype* ♂: 26.vii.1913; *allotype* ♀: 21.vi.1913, Philippine Is., Luzon I., subprov. Benguet, Pauai, Haight's Place, 7,000 ft.

Nearest ally: *P. leucula* Meyr.

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